

**Activity Report
DSHS/DOH
Human Research Review Board
Fiscal Year 1999**

Washington State Department of Social and Health Services
Research and Data Analysis
Human Research Review Section

ACTIVITY REPORT

**DEPARTMENT OF SOCIAL AND HEALTH SERVICES
DEPARTMENT OF HEALTH**

HUMAN RESEARCH REVIEW BOARD

Fiscal Year 1999

March 2000

Department of Social and Health Services
Management Services Administration
Research and Data Analysis
Human Research Review Section
Olympia, Washington 98504-5205

When ordering please refer to
Report # 11.93

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ACKNOWLEDGEMENTS

This report is dedicated to the past and present members of the DSHS/DOH Human Research Review Board, who have contributed their time and expertise to represent the interests of those who have been asked to participate as subjects in research conducted within the jurisdiction of the Department of Social and Health Services and the Department of Health.

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EXECUTIVE SUMMARY

THIS REPORT PROVIDES AN OVERVIEW OF THE DSHS/DOH HUMAN RESEARCH REVIEW BOARD. IT SUMMARIZES THE BOARD'S AUTHORITY AND FUNCTIONS, OUTLINES THE HUMAN RESEARCH REVIEW PROCESS, AND DESCRIBES MAJOR ACTIVITIES DURING FISCAL YEAR 1999. IT ALSO INCLUDES A LOG OF ALL RESEARCH PROJECTS WHICH WERE REVIEWED DURING THIS PERIOD.

Under a Multiple Project Assurance of Compliance with federal regulations (45 CFR, Part 46), the DSHS/DOH Human Research Review Board must review and approve all research (except exempted categories) sponsored by the Department of Social and Health Services (DSHS) or the Department of Health (DOH), conducted by or under the direction of any employee or agent of DSHS or DOH, using any DSHS or DOH property or facility, or using any non-public information held by DSHS or DOH to identify or contact human research subjects or prospective subjects.

The review process is intended to protect the rights and welfare of subjects participating in the research, and to assure that the research is sound and is likely to produce benefits which are greater than the risks to subjects. The review also protects the departments from liability resulting from improperly conducted research.

The DSHS/DOH Human Research Review Board is comprised of professionals working both within and outside DSHS and DOH. Each Board also has at least one community representative. Board members volunteer a substantial amount of their time to review proposals submitted by researchers. The membership of Review Board A and Review Board B is shown on pages v and vii.

The Review Board receives administrative support from the Human Research Review Section in the Department of Social and Health Services. Staff in the Section also serve as the Executive Secretary and Associate Executive Secretary of the Board.

More information about the departments' human research review policies and procedures, and copies of the *Guide to DSHS/DOH Policy on Protection of Human Research Subjects* (revised July 1, 1998) and the departments' Research Application Kit, may be obtained by contacting the Human Research Review Section, Mail Stop: 45205, Olympia, Wa. You may contact the Review Section at (360) 902-8075 or by email at: hrrb@dshs.wa.gov.

ACTIVITY REPORT

Department of Social and Health Services
Department of Health

Human Research Review Board

Fiscal Year 1999

I. PURPOSE

The Department of Social and Health Services (DSHS) and the Department of Health (DOH) are responsible for protecting the rights and welfare of clients, employees, and members of the general public who serve as subjects in research within the departments' jurisdiction. The departments have fulfilled this responsibility by establishing a formal policy for the protection of human subjects, and by maintaining a standing Human Research Review Board, which operates under the auspices of an Assurance of Compliance with the federal Department of Health and Human Services.

The DSHS/DOH Human Research Review Board has primary responsibility for implementing the departments' human subjects protection policy. The Review Board conducts an ethical and a technical review of proposed research to assure that the rights and welfare of subjects are adequately protected, and that risks are minimized, are not unreasonable, and are outweighed by potential benefits. The review must also determine that the proposed design and methods are adequate and appropriate in light of stated project objectives.

II. AUTHORITY

The departments' human subjects protection policy complies with federal regulation (45 CFR 46) and with protective requirements of state law (e.g., RCW 42.48; RCW 70.02). Washington Administrative Code (WAC 388-10) and DSHS Administrative Policy 12.01 and DOH Administrative Policy 03.001 prohibit any departmental service or administrative unit from allowing the conduct of research and related activities until the plans or protocols have been approved by the Review Board. The departments' policy and procedures are described more fully in the *Guide to DSHS/DOH Policy on Protection of Human Research Subjects*, revised July 1, 1998, available by calling the Human Research Review Section at (360) 902-8075.

III. ACTIVITIES SUBJECT TO BOARD REVIEW

Except for research activities specifically exempted in the *Guide to DSHS/DOH Policy...*, Section XI, the departments' human research review policy applies to all research and related activities that are (i) sponsored by DSHS or DOH, (ii) conducted by an employee or agent of DSHS or DOH, (iii) which use any DSHS or DOH property or facility, or (iv) which involve the use of DSHS or DOH non-public information to identify or contact human research subjects or prospective subjects. The policy applies to research and related activities contracted by DSHS and DOH to non-departmental organizations or individuals, regardless of whether the research involves department clients or a nondepartmental subject population.

A definition of research and a list of categories of research that are exempt from review are provided in the *Guide to DSHS/DOH Policy...*, Sections IV and XI. This document, however, may not always provide enough information to distinguish between research and related activities which are subject to review, and administrative data collection or program monitoring activities which are not subject to review. To meet this need, *Jurisdictional Guidelines* have been developed to assist researchers and program managers in determining the boundaries of Review Board jurisdiction. In addition, Guidelines developed by the Centers for Disease Control and Prevention draw distinctions between public health research and public health practice. These two sets of guidelines are available on request from the Human Research Review Section.

IV. ADMINISTRATION

The DSHS Human Research Review Section is a three-person administrative unit that provides staff support to the Review Board, and coordinates and administers the DSHS/DOH human research review policy. The Section Coordinator and Review Coordinator provide liaison between DSHS and DOH and other agencies and institutions on human subjects protection issues. The Section Coordinator serves as the Executive Secretary of the Review Board, the Review Coordinator as the Associate Executive Secretary.

Research proposals requiring Board review must be submitted on the departments' application forms. Research Application Kits are available from the Review Section. Review Section staff are available to assist researchers in completing their applications, and to consult on jurisdictional and policy or procedural questions. Department researchers and managers who are unsure of whether a proposed activity requires Board review should consult with Review Section staff.

V. REVIEW BOARD FUNCTIONS

The primary function of the DSHS/DOH Human Research Review Board is to protect the interests of individuals participating in research within the departments' jurisdiction. An important secondary function is to provide DSHS/DOH management with the necessary expertise to determine whether proposed research is valid, worthwhile, and in compliance with federal and state statutes and regulations. DSHS and DOH administrators, managers, and supervisors are encouraged to refer all inquiries regarding human subjects research to the Review Section.

VI. REVIEW BOARD MEMBERSHIP

Review Board members are chosen to represent the diversity of programs administered by DSHS and DOH, and to provide the necessary expertise to conduct a thorough ethical and technical review of proposed research. The Review Board is comprised of Board A, a general purpose board, and Board B, which specializes in the review of mental health proposals but also reviews other areas of research.

Each Review Board includes at least two physician members who are licensed to prescribe drugs in Washington State and at least one member whose primary interests are in nonscientific areas. The majority of Board members have graduate level training in statistics, research design, and research methods, and are employed full time in scientific research positions. Each Board retains at least one member whose primary interest is in advocating for the rights of department clients, patients, or wards. Although the majority of members are department employees, the Board also includes university faculty and representatives of the general community who are unencumbered by possible departmental interests. The current membership of Review Board A and Review Board B is listed on pages v and vii.

VII. REVIEW PROCESS

Investigators wishing to conduct human subjects research which falls under DSHS/DOH jurisdiction should submit their application to the Review Section. Depending on the nature, scope, and complexity of the proposed research, applications are either referred to one of the full Review Boards for consideration at a regularly scheduled meeting, or are reviewed by two or more Board members through the expedited process (See *Guide to DSHS/DOH Policy...*, Section X for activities that are eligible for expedited review).

Copies of proposals requiring full Board review are sent to all members two weeks prior to the meeting. One member is asked to be the "primary reviewer" and to present the proposal to the Board at the meeting. The primary reviewer may

contact the researcher before the meeting to discuss potential concerns or to obtain additional information. Occasionally, the researcher is invited to attend the meeting to respond to questions or concerns or to provide supplementary information.

The criteria for approval of research are listed in the *Guide to DSHS/DOH Policy...*, Section VII. The Board also uses the more detailed *Standard Review Criteria*, published by the Review Section and included in the Research Application Kit, as a checklist to promote thorough and consistent reviews of all research proposals.

Following presentation of the proposal and discussion of any concerns, the primary reviewer is asked for a disposition recommendation. Disposition of the proposal is decided by a simple majority vote of all members present at the meeting. The Board may approve the proposal as submitted, approve the proposal subject to specified revisions or clarifications, hold the proposal in abeyance pending submission of supplemental information, or disapprove the proposal.

Unfavorable review dispositions (i.e., disapproval, restrictions, special approval conditions) are binding and not subject to administrative override. Researchers may appeal unfavorable review dispositions directly to the Review Board. Each proposal approved by the Board is subject to administrative review and concurrence by the appropriate DSHS or DOH division director or assistant secretary.

If approved research is to be conducted within departmental offices, institutions, or other facilities, the Review Section will provide local administrators with information on Board approved procedures, with a request that they supervise the research to ensure that these procedures are followed.

VIII. MAJOR ACTIVITIES: FISCAL YEAR 1999

The *Guide to DSHS/DOH Policy on the Protection of Human Subjects* was revised to reflect changes in the departments' Multiple Project Assurance of Compliance, and was published in July, 1998. The *Guide* is distributed to researchers, administrators and program managers in DSHS and DOH, and to other research institutions in Washington State, such as Washington State University, the University of Washington, the Fred Hutchinson Cancer Research Center, Swedish Hospital, and Children's Hospital and Regional Medical Center.

Review Section staff attended the PRIM&R (Public Responsibility in Research and Medicine) and ARENA (Applied Research Ethics National Association) conferences in San Diego in November 1998. Staff attended workshops on training Institutional Review Board (IRB) members, Chairs, and researchers; writing consent forms; research with persons who are decisionally-impaired; issues in school-based research; and health services research. Over 800 IRB

administrators, Board Chairs, researchers, and IRB members attended the conference, along with representatives from NIH, the VA, the Indian Health Service, the Office for Protection from Research Risks, the FDA, and dozens of academic institutions.

At the conference, revised categories of research eligible for expedited review were announced, effective November 9, 1998. These revisions to categories of research eligible for expedited review may be incorporated in whole or in part into the departments' Multiple Project Assurance when the Assurance is renewed in 2000.

In December, 1998, Review Section staff met with members of the Research and Evaluation Committee of the King County Mental Health Division to discuss issues related to the review of research involving mental health consumers. Review Section staff presented and discussed procedures the DSHS/DOH Human Research Review Board would approve for recruiting research subjects at the state mental hospitals, from among mental health consumers in community programs, and from computerized administrative databases. Following the meeting, procedures for coordinating the review of mental health research which is in the joint jurisdiction of the Review Board and the King County Mental Health Division were established.

Review Section staff attended a weeklong conference sponsored by the University of Washington Department of Medical History and Ethics and the Office of Continuing Medical Education. The course, "Ethics of Research with Humans, Past, Present and Future," was held in June, 1999, in Seattle. Another Board member and several researchers also attended the conference. The course comprises one component of the certification program in medical ethics at the University of Washington.

Review Section staff researched internet-based training modules for IRB members and researchers. Most web sites provide an overview of the federal regulations pertaining to human subjects protections, a brief history of ethical issues in research and development of these regulations, and specific modules on the informed consent process and how to write consent forms. A list of these sites is available from the Review Section. Some of the sites are considered proprietary.

Review Section staff began collaboration with the University of Washington Human Subjects Division in developing joint IRB member training. It is hoped that the training will be conducted at least once a year to provide training for new Board members and updates on human subjects protection issues for all Board members. The first half-day training session for IRB members took place in October 1999, at Children's Hospital and Regional Medical Center in Seattle in conjunction with other institutional review boards in Washington State.

IX. REVIEW VOLUME AND TRENDS

Figure 1 provides three measures of Review Board activity during the past 17 years. The number of new research proposals submitted for review increased slowly during the period between 1983 to 1990, increased significantly in 1991, and has fluctuated since that time while continuing a general upward trend.

A better measure of Review Board workload is the total number of projects reviewed during the fiscal year, which includes both initial reviews of new proposals and annual reviews of continuing projects. The total number of projects reviewed has increased 161% during the ten-year period from 1990 to 1999, from 115 in 1990 to 300 in 1999.

Figure 1
Review Volume
Fiscal Years 1983 - 1999

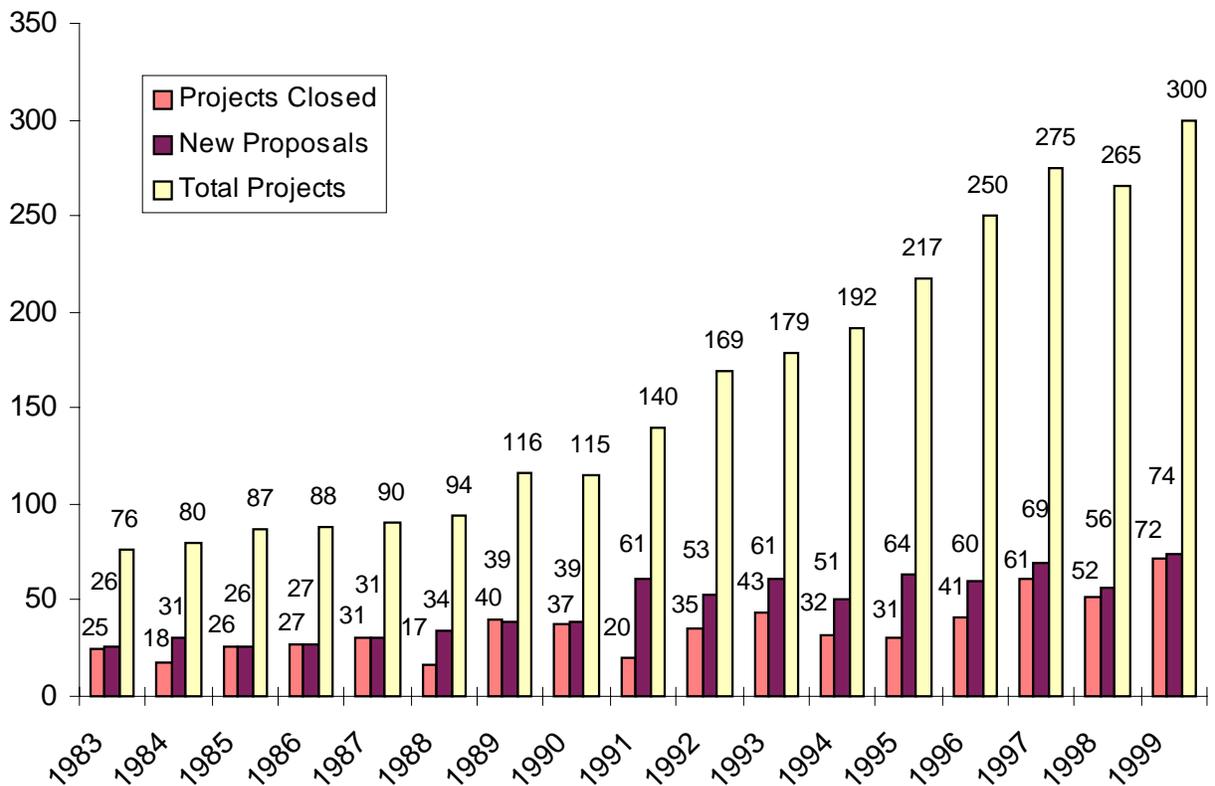


Figure 2 shows the distribution of new research proposals by agency and program for Fiscal Year 1999. The programs with the highest percentage of new proposals are in the DOH, with Epidemiology and Health Statistics accounting for 28%, and Community and Family Health accounting for 12%, of the total. These programs are followed by the DSHS Division of Alcohol and Substance Abuse and Children's Administration, each with 11% of the new projects.

The relative distribution of new research proposals by program has changed significantly since Fiscal Years 1991 and 1992. DOH projects have increased from 34% to 44% of the total, DSHS Mental Health projects have decreased from 20% to 4%, and DSHS Children's Administration projects from 17% to 11% of the total. However, the absolute number of research projects has increased significantly across all three of these program areas; it is only the relative distribution that has changed.

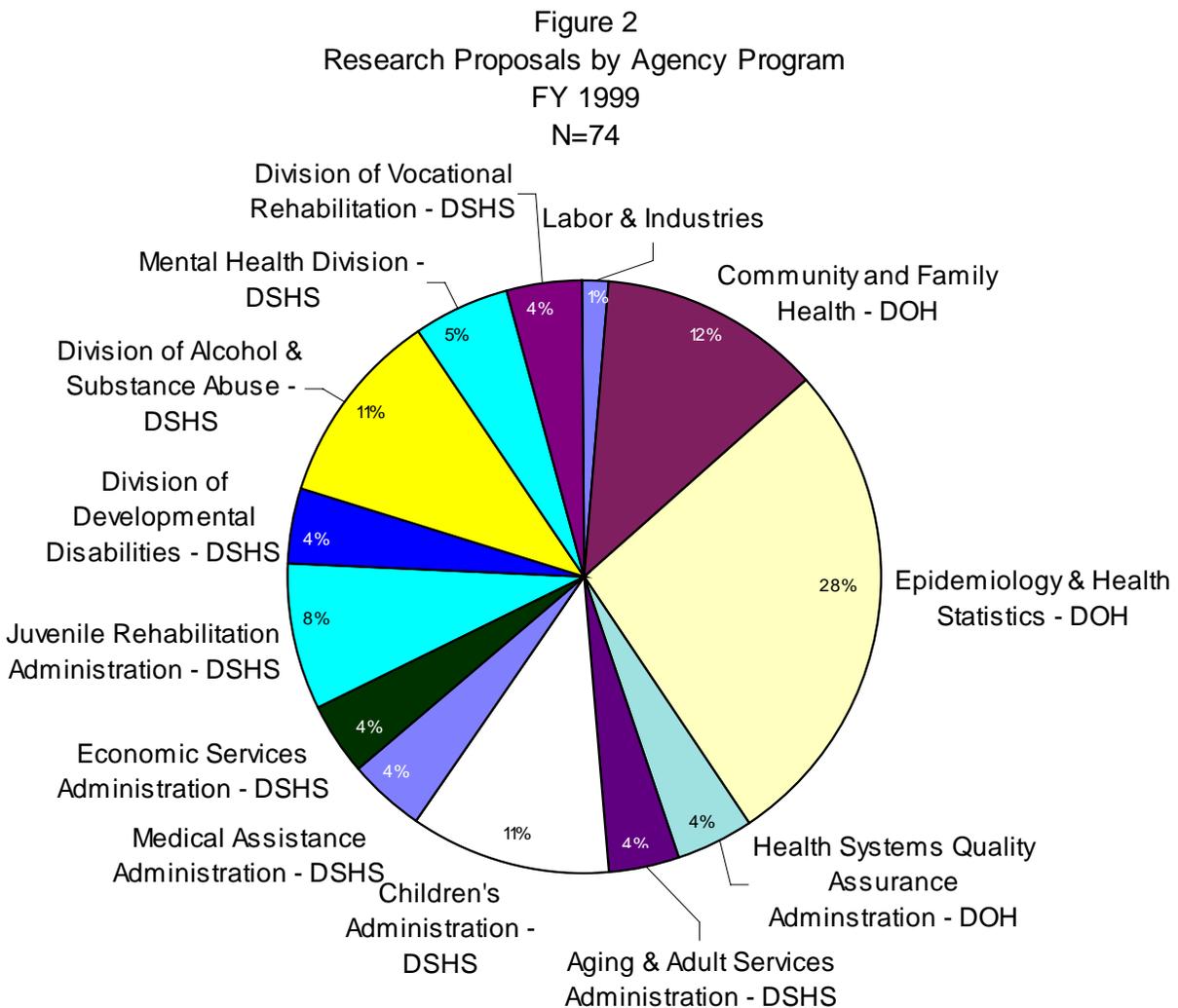
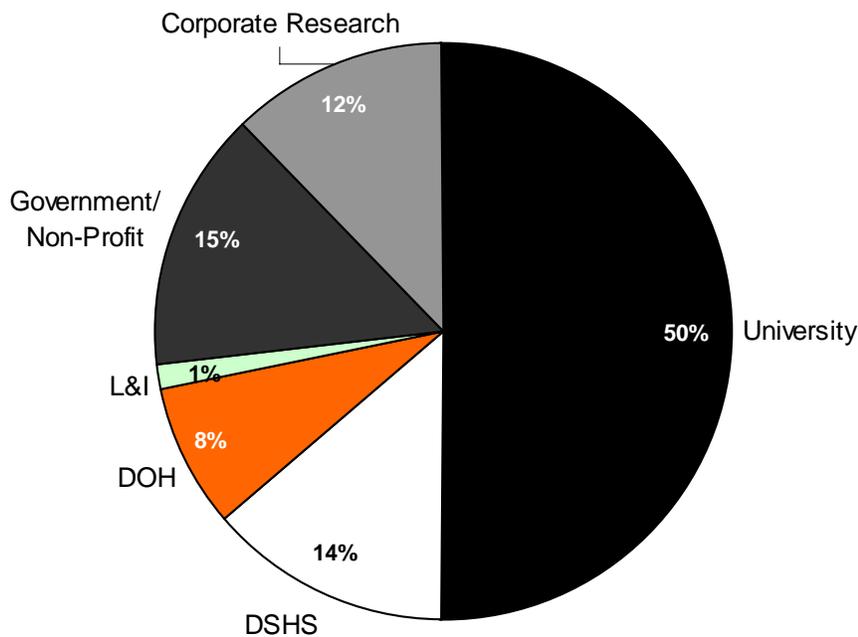


Figure 3 shows the organizational affiliation of the principal investigators for new research projects received during Fiscal Year 1999. Fifty percent of the principal investigators were university-based, with the University of Washington accounting for the large majority. DSHS-affiliated researchers conducted about 16%, and DOH-affiliated researchers about 8%, of the new projects received during Fiscal Year 1999.

Figure 3
 Researcher's Affiliation
 FY 1999
 N=74



X. RESEARCH PROPOSALS: FY 1999

New research proposals reviewed by the Board during Fiscal Year 1999 are listed in chronological order of receipt in the Project Log beginning on page fifteen. These 74 new proposals represent about one-third of the 228 open research projects under review at the end of Fiscal year 1999.

Selected examples of significant research projects are presented below. This presentation is not exhaustive, and is intended only to provide a perspective on the types of research conducted within the departments' jurisdiction. These projects are listed in the Project Log by the date of receipt which is indicated in the Project Code. Projects discussed below are identified by the date of receipt in parentheses

Several research projects are evaluating mental health program services, need for services, and program outcomes for DSHS clients. One study involves an assessment of substance abuse and the need for chemical dependency treatment and mental health services among children in foster care (06-18-99). Other studies are evaluating service delivery for at-risk children and their families (06-17-99, 01-22-99), the elderly (04-29-99, 07-05-98), and mentally ill juvenile and adult offenders (07-28-98, 11-04-98, 01-28-99).

Projects sponsored by DOH and DSHS also focus on the needs of persons with developmental and other disabilities. These studies include a population-based survey to determine the prevalence of disability among Washington residents (11-03-98), three studies involving persons who received services from the DSHS Division of Vocational Rehabilitation (08-19-98, 12-07-98, 04-30-99), a study to evaluate an intervention for the severely disabled (01-26-99), and evaluations of quality of life and service needs among the disabled (07-30-98, 12-18-98).

DSHS is sponsoring a variety of studies related to drug and alcohol abuse and chemical dependency treatment services. One study involves evaluating SSI and SSDI DA & A recipients after these benefits were terminated as a result of welfare reform (12-02-98), while another is evaluating chemical dependency treatment outcomes for AFDC recipients (04-09-99). Another study is evaluating drug court programs across the state (04-22-99). A DSHS-sponsored population-based survey will estimate the prevalence of drug and alcohol use, abuse, and need for treatment among Washington residents (06-22-99).

A few studies involve clinical trials or evaluations of new programs or clinical tests for specific populations. One DSHS-sponsored study involves an evaluation of an expanded program of orthodontic services for children under Medicaid (01-25-99), while another is a randomized clinical trial of fluoride varnish applications to prevent tooth decay in children less than 30 months of age (04-08-99). A study conducted by Public Health-Seattle & King County is evaluating whether a less sensitive test for HIV antibodies is useful in determining persons recently infected with HIV-1 (01-29-99).

DOH is conducting research to evaluate department-sponsored programs targeting youth suicide prevention (09-21-98), drowning prevention (03-13-99, 08-03-98) and abstinence education programs for youth (07-31-98). DOH has also sponsored an anonymous school-based survey of risk behaviors among youth (10-28-98), and a lead poisoning prevalence survey (03-15-99).

Sixty-six percent of the research reviewed during FY 1999 involved research utilizing confidential department records, such as hospital discharge databases, birth and death records, and the state cancer registry. Some examples include a study of rural perinatal care systems (08-02-98), reproductive health and exposure

to dioxin among Vietnam veterans (09-20-98), variations in breast cancer rates and stage at diagnosis (07-17-98), risk factors for urinary tract infections in the post-partum period (01-22-99), drowning injuries among children (01-11-99), an asthma surveillance evaluation (12-31-98), and an evaluation of morbidity, mortality, and health care utilization among women who have experienced domestic violence (02-02-99).

The Human Research Review Section does not distribute final reports or other research products resulting from the projects under review. Information about the research listed in the Project Log, as well as research reports, should be requested directly from the principal investigator of each study.

PROJECT LOG

**Research Proposals Reviewed by the
DSHS/DOH Human Research Review Board
During Fiscal Year 1999**

PROJECT LOG KEY

Project Code

Prefix	designates Review Board A or B
Number	designates month, day, and year proposal received
Suffix	designates state agency jurisdiction (S=DSHS; H=DOH; L=L&I)

Program

Department of Social and Health Services

AAS	Aging and Adult Services
DCFS	Division of Children and Family Services
DASA	Division of Alcohol and Substance Abuse
DDD	Division of Developmental Disabilities
DVR	Division of Vocational Rehabilitation
ESA	Economic Services Administration
JRA	Juvenile Rehabilitation Administration
MAA	Medical Assistance Administration
MHD	Mental Health Division

Department of Health

CFH	Community and Family Health
EHS	Epidemiology and Health Statistics
HSQA	Health Systems Quality Assurance

Department of Labor and Industries

SHARP	Safety and Health Assessment & Research for Prevention
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Status

Ongoing	Project pending final approval, or approved and continuing
Canceled	Project was discontinued
Completed	Project was finished
Suspended	Project activity on hold
Exempt	Project was reviewed and found to be outside of the HRRB jurisdiction

Project Code	Proposal Title and Principal Investigator	Program	July 1, 1999 Status
A-070598-S	"Elder Mental Health Needs Assessment", Jeanette Semke, M.S.W., Ph.D., School of Social Work, University of Washington	MHD	Ongoing
B-071098-H	"The Effect of Mode of Birth on Primiparous Women's Subsequent Health", by Mona Lydon-Rochelle, School of Nursing, University of Washington	EHS	Ongoing
A-071798-H	"Neighborhood Variations in Breast Cancer Rates and Staging at Diagnosis", by Michael H. Vachon, Ph.D., Yakima County Geographic Information Services	CFH	Ongoing
B-072798-S	"School-Based Alcohol Skills Training", by Eric L. Einspruch, Ph.D., RMC Research Corporation (Portland, OR)	DASA	Canceled
B-072898-S	"Mentally Ill Offender Community Transitions Project", by Gregory W. Theurer, Ph.D., Northwest Resource Associates (Seattle, WA)	MHD	Ongoing
A-072998-S	"Adolescent Substance Abuse Prevalence Project: Household Survey", by Bruce D. Treichler, M.A., Research and Data Analysis, Department of Social and Health Services	DASA	Ongoing
A-073098-H	"Assessing Secondary Conditions in People with Mobility Disabilities: Spokane County", by Susan Kinne, Ph.D., Center for Disability Policy & Research, University of Washington	CFH	Ongoing
A-073198-H	"DOH Abstinence Education Program Evaluation", by Dennis McBride, Ph.D., The Washington Institute for Mental Illness Research and Training-Western Branch	CFH	Ongoing
B-080198-H	"Statewide Lead Poisoning Prevalence Study", by Juliet VanEenwyk, Ph.D., Office of Epidemiology, Department of Health	EHS	Canceled

Project Code	Proposal Title and Principal Investigator	Program	July 1, 1999 Status
A-080298-H	"Are Rural Perinatal Care Systems Deregionalizing?", by L. Gary Hart, Ph.D., WWAMI Rural Health Research Center, University of Washington	EHS	Ongoing
B-080398-H	"Drowning Prevention in the Emergency Department", by Linda Quan, M.D., Children's Hospital and Regional Medical Center	HSQA	Ongoing
A-081998-S	"Evaluation of Impact of a Rehab Team Approach for DVR Participants", by Susan Kinne, Ph.D., Center for Disability Policy & Research, University of Washington	DVR	Ongoing
B-082498-S	"Assessment of CPS Referrals among Different Asian Ethnic Groups", by Yoshimi Pelczarski, School of Social Work, University of Washington	DCFS	Ongoing
A-091198-L	"Ergonomics and Safety in the Sawmill Industry", by Stephen Bao, Ph.D., Safety & Health Assessment & Research for Prevention, Department of Labor & Industries	SHARP	Ongoing
A-091598-S	"Community Service Office-Based Family Planning Evaluation Project", by Janet Campbell, Ph.D., Research and Data Analysis, Department of Social and Health Services	MAA	Ongoing
B-091898-S	"Foster Care Screening through the FAS Diagnostic and Prevention Network", by Susan Astley, Ph.D., Children's Hospital and Regional Medical Center	DCFS	Ongoing
A-091998-S	"Washington Foster Care Alumni Study", by Peter J. Pecora, Ph.D., School of Social Work, University of Washington	DCFS	Ongoing
A-092098-H	"Reproductive Health, Serum Dioxin, and p450 Genes in Vietnam Veterans", by Anne M. Sweeney, Ph.D., University of Texas - Houston	EHS	Ongoing
B-092198-H	"Washington State Youth Suicide Prevention Coordination Project - School Survey", by Leona L. Eggert, Ph.D., R.N., School of Nursing, University of Washington	CFH	Ongoing

Project Code	Proposal Title and Principal Investigator	Program	July 1, 1999 Status
A-092598-H	"Evaluation of Group B Streptococcal Disease Prevention Guidelines", by Robert L. Davis, M.D., M.P.H., Group Health Cooperative (Seattle, WA)	EHS	Ongoing
A-100998-S	"The Effect of Child Support and Self-Sufficiency Programs on Reducing Direct Support Public Costs", by Carl Formoso, Ph.D., Division of Child Support, Department of Social and Health Services	ESA	Ongoing
B-102798-S	"Seattle SafeFutures Evaluation", by Claus D. Tjaden, Ph.D., Toucan Research (Vail, CO)	JRA	Ongoing
A-102898-H	"1999 Washington State Youth Risk Behavior Survey", by Judy Schoder, M.N., Community and Family Health, Department of Health	CFH	Ongoing
B-110298-H	"Adolescent Risk Assessment and Drowning Prevention", by Linda Quan, M.D., Children's Hospital and Regional Medical Center	HSQA	Canceled
B-110398-S	"The Psychopathic Personality Inventory: A Validation Study with Insanity Acquittes", by Ivan P. Kruh, Ph.D., The Washington Institute for Mental Illness Research and Training- Western Branch	MHD	Ongoing
A-110498-S	"Retrospective Review of Mentally Ill Juvenile Offender Community Transition", by Eric Trupin, Ph.D., Department of Psychiatry & Behavioral Sciences, University of Washington	JRA	Ongoing
A-112098-H	"Linkage Study - Linkage of CHARS Data to Cancer Surveillance System (CSS) Data", by Beth A. Mueller, Dr.P.H., Fred Hutchinson Cancer Research Center	EHS	Ongoing
B-112598-S	"Geographic Variation in Resident Characteristics of Residential Care Settings", by Michael P. Curtis, Ph.D., Puget Sound Health Care System, VA	AAS	Ongoing
A-113098-H	"Telephone Survey to Assess Prevalence of Disability in Washington", by Debra Lochner Doyle, M.S., Community and Family Health, Department of Health	CFH	Ongoing

Project Code	Proposal Title and Principal Investigator	Program	July 1, 1999 Status
B-120298-S	"Follow-Up of SSI and SSDI DA&A Beneficiaries After Termination of the DA&A Disability Category", by Gary Cox, Ph.D., Alcohol & Drug Abuse Institute, University of Washington	DASA	Ongoing
A-120798-S	"Vocational Experiences of DVR Participants", by JoAnn Ray, Ph.D., JoAnn Ray and Associates (Spokane, WA)	DVR	Ongoing
B-120998-H	"Hospitalization for Acute Intoxication in Children in Washington State, 1986-97", France Gauvin, M.D., Children's Hospital and Regional Medical Center	EHS	Ongoing
B-121198-H	"Breast Cancer Detection Demonstration Project Cancer Record Linkage Study", by Catherine Schairer, Ph.D., National Cancer Institute (Bethesda, MD)	EHS	Ongoing
A-121498-H	"Cryptosporidium Antibody Testing", by Marcia Goldoft, M.D., M.P.H., Communicable Disease Epidemiology, Department of Health	EHS	Canceled
A-121899-S	"Seattle-King County Childcare Parent Survey", by Nicole Spitale, Graduate School of Public Affairs, University of Washington	ESA	Ongoing
B-121898-S	"Family Support Opportunities Evaluation", by Mary Richardson, Ph.D., Center for Disability Policy and Research, University of Washington	DDD	Ongoing
A-122298-S	"Starting Early Starting Smart - Spokane", by Christopher Blodgett, Ph.D., The Washington Institute for Mental Illness Research and Training-Eastern Branch	DCFS	Ongoing
A-123198-H	"Washington State Asthma Surveillance Data Evaluation Project", by Steven C. Macdonald, Ph.D., M.P.H., Office of Epidemiology, Department of Health	EHS	Ongoing
A-010599-S	"FAS Screening: JRA/FAS Diagnostic and Prevention Network Pilot Project", by Susan Astley, Ph.D., Children's Hospital and Regional Medical Center	JRA	Ongoing

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B-010799-H	"Deep Vein Thrombosis and Pulmonary Embolism After Pelvic Surgery", by James F. Moruzzi, M.D., Ph.D., Olympia Women's Health (Olympia, WA)	EHS	Canceled
A-011199-H	"Pediatric Submersion and Cervical Spine Injuries", by R. Scott Watson, M.D., Children's Hospital and Regional Medical Center	EHS	Ongoing
A-012199-S	"Seroprevalence of Hepatitis C Viral Infection in a High-Risk Juvenile Population", by Karen F. Murray, M.D., Children's Hospital and Regional Medical Center	JRA	Ongoing
A-012299-S	"Foster Care Assessment Program Evaluation", by Lucy Berliner, M.S.W., Harborview Center for Sexual Assault and Traumatic Stress	DCFS	Ongoing
B-012299-H	"Risk Factors for Urinary Tract Infections in the Postpartum Period", by Cathy Critchlow, Ph.D., School of Public Health, University of Washington	EHS	Ongoing
A-012599-S	"Developing an Effective Community Strategy for the Delivery of Orthodontic Services Under Medicaid", by Gregory J. King, D.M.D., Ph.D., Department of Orthodontics, University of Washington	MAA	Ongoing
B-012699-S	"Establishing Choice-Making in Persons with Severe Multiple Impairments", by Richard R. Saunders, Ph.D., Parsons Research Center, University of Kansas	DDD	Ongoing
A-012799-S	"Efficacy of Mental Health Intervention in a Chemical Dependency Treatment Program", by Robert M. Brown, M.S., Puyallup Tribal Treatment Center (Tacoma, WA)	DASA	Canceled
A-012899-S	"Adolescent Offender Comorbidity Study", by Aaron Turner, M.S., Department of Psychology, University of Washington	JRA	Ongoing
B-012999-H	"Development and Application of Measurement Tools for Community-wide Estimates of HIV Incidence", by Gary Goldbaum, M.D., M.P.H., Public Health - Seattle & King County	CFH	Ongoing

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B-020299-H	"Protection of Women: Health and Justice Outcomes", by Marsha Wolf, Ph.D., Department of Epidemiology, University of Washington	EHS	Ongoing
B-020399-S	"Seattle SafeFutures Evaluation", by Claus Tjaden, Ph.D., Toucan Research (Vail, CO)	JRA	Ongoing
A-030899-S	"National Study of Child Care for Low-Income Families", by Jean Layzer, Ed.M., Abt Associates, Inc. (Cambridge, MA)	ESA	Ongoing
A-030999-S	"Dynamics of Unsubstantiated Reports of Child Abuse and Neglect - A Multi-State Study", by John D. Fluke, Ph.D., American Humane Association (Englewood, CO)	DCFS	Exempt
A-031099-H	"First Steps Database", by Laurie Cawthon, M.D., M.P.H., Research and Data Analysis, Department of Social and Health Services	EHS	Ongoing
B-031299-H	"Economic Impact of Epidemic Hepatitis A in a Mid-Sized, Urban Community", by Rebecca Bohorques, M.A., Spokane Regional Health District	EHS	Ongoing
B-031399-H	"Risk Assessment and Prevention of Adolescent Drowning", by Linda Quan, M.D., Children's Hospital and Regional Medical Center (Seattle, WA)	HSQA	Ongoing
A-031599-H	"Statewide Lead Poisoning Prevalence Survey", by Juliet VanEenwyck, Ph.D., Office of Epidemiology, Department of Health	EHS	Ongoing
A-031699-H	"Trends, Causes, and Correlates of AIDS-related Mortality in Seattle-King County, Washington", by Sharon Hopkins, D.V.M., M.P.H., Public Health - Seattle & King County	CFH	Ongoing
A-031999-H	"Effects of Increased Mammogram Awareness on the Distribution of Breast Cancer Stage at Diagnosis", by Dan R. Yamasaki, M.S., M.B.A., Premera Blue Cross (Mountlake Terrace, WA)	CFH	Canceled

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B-040899-S	"Fluoride Varnish RCT in Children under 30 Months", by Peter Milgrom, D.D.S., Dental Public Health Sciences, University of Washington	MAA	Ongoing
A-040999-S	"Evaluation of the Effects of Chemical Dependency Treatment on Employment Outcomes among AFDC Recipients", by Thomas M. Wickizer, Ph.D., M.P.H., Wickizer Associates (Mercer Island, WA)	DASA	Ongoing
B-041299-S	"Utilization of Public Sector Behavioral Health Systems and Jails", by Joseph P. Morrissey, Ph.D., Center for Health Services Research, University of North Carolina	DASA	Ongoing
B-041399-S	"Staff Beliefs about Seclusion and Restraint in Adult Psychiatric Hospitals", by Suzanne Goren, Ph.D., A.R.N.P., School of Nursing, University of Washington - Tacoma	MHD	Ongoing
B-041599-H	"Market Change and Access to Inpatient Psychiatric Care", by Jack Needleham, Ph.D., Harvard School of Public Health	EHS	Ongoing
A-042299-S	"Drug Court Program Evaluation: Part 2, Client Outcomes and Program Costs and Cost Offsets", by Gary B. Cox, Ph.D., Alcohol & Drug Abuse Institute, University of Washington	DASA	Ongoing
A-042699-H	"Do Primary Cesarean Delivery Rates Correlate with Rates of Poor Neonatal Outcomes?", by Jennifer Bailit, M.D., RWJ Clinical Scholars Program, University of North Carolina, Chapel Hill	EHS	Ongoing
B-042999-S	"Dementia Care Pilot Project in Boarding Homes: Evaluation Component", by Rebecca G. Logsdon, Ph.D., Department of Psychosocial & Community Health, University of Washington	AAS	Ongoing
A-043099-S	"Evaluation of a 3-State Work Incentive Project", by Pamela P. Hanes, Ph.D., Oregon Health Sciences University	DVR	Ongoing

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B-043099-S	"The Core Indicators Project", by Mary L. Richardson, Ph.D., Center for Disability Policy & Research, University of Washington	DDD	Ongoing
A-050199-S	"Factors that Influence the Decision Not to Substantiate a CPS Referral", by Diana J. English, Ph.D., Children's Administration Research, Department of Social and Health Services	DCFS	Ongoing
B-061699-H	"Diabetes Elimination in Washington by Immuno Therapy", by William A. Hogopian, M.D., Ph.D., Pacific Northwest Research Institute (Seattle, WA)	EHS	Ongoing
A-061799-S	"An Evaluation of Community Mental Health Services for Children and Their Families", by Nancy M. Koroloff, Ph.D., Portland State University	DCFS	Ongoing
A-061899-S	"Adolescent Substance Abuse Prevalence Project: Foster Care Survey", by Bruce M. Treichler, M.A., Research and Data Analysis, Department of Social and Health Services	DASA	Ongoing
B-062299-S	"Washington State Needs Assessment Household Survey 2000", by Joseph R. Kabel, Ph.D., Research and Data Analysis, Department of Social and Health Services	DASA	Ongoing



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